

harmful interference to the operation of any other licensee. Any non-conforming transmitter replaced after November 1, 1991, must be replaced by a transmitter meeting the requirements of this paragraph.

(b) For television transmission, the peak power of the accompanying aural signal must not exceed 10 percent of the peak visual power of the transmitter.

(c) Any licensee with transmission equipment conforming to the transmitter tolerance standard of this section can be required to use frequency offset where it is demonstrated to be necessary to avoid harmful interference with another station.

[55 FR 46014, Oct. 31, 1990]

**§ 74.962 Frequency monitors and measurements.**

Suitable measurements shall be made as often as necessary to ensure that the operating frequencies of the station are within the prescribed tolerances.

[52 FR 3806, Feb. 6, 1987]

**§ 74.963 Time of operation.**

(a) An instructional television fixed station is not required to adhere to any regular schedule of operation. Unless otherwise specified in the license, the hours of operation are not limited.

(b) Except for purposes of tests and adjustments, the transmitter shall not be permitted to radiate unmodulated carriers or otherwise make unnecessary transmissions for extended periods of time.

**§ 74.965 Posting of station license.**

(a) The instrument of authorization of a clearly legible photocopy thereof, shall be available at each transmitter.

(b) If a station is operated unattended, the call sign and name of the licensee shall be displayed such that it may be read within the vicinity of the transmitter enclosure or antenna structure.

[52 FR 3807, Feb. 6, 1987]

**§ 74.969 Copies of rules.**

The licensee of an instructional television fixed station shall have a current copy of Parts 73 and 74 of this

chapter. In cases where aeronautical hazard marking of antennas is required, such licensee shall also have a current copy of Part 17 of this chapter. Each licensee is expected to be familiar with the pertinent rules governing instructional television fixed stations.

[60 FR 55483, Nov. 1, 1995]

**§ 74.970 Modulation limits.**

(a) *Visual transmitter.* The maximum excursion of the luminance signal in the white direction shall not exceed the value specified in § 73.682(a)(13) of this chapter for the reference white level.

(b) *Aural transmitter.* The maximum frequency deviation of the aural carrier shall not be permitted to exceed  $\pm 75$  kHz on peaks of frequent recurrence during any transmission. This is defined as 100% modulation.

[28 FR 13731, Dec. 14, 1963, as amended at 49 FR 32596, Aug. 15, 1984]

**§ 74.971 Modulation monitors and measurements.**

Suitable means shall be provided to insure that the modulation limits specified in § 74.970 are observed.

**§ 74.982 Station identification.**

(a) Call signs for instructional television fixed stations will consist of three letters and three digits pursuant to the provisions of § 2.302 of this chapter relating to fixed stations.

(b) Except as otherwise provided in paragraphs (c) and (d) of this section, each instructional television fixed station shall transmit its call sign at the beginning and end of each period of operation and, during operation, on the hour. Visual or aural transmissions shall be employed.

(c) The hourly station identification announcement during operation may be deferred if it would interrupt a single consecutive demonstration, lecture, or other similar discourse or otherwise impair the continuity of a program in progress. In such cases the station identification announcement shall be made at the first normal break in the continuity of the program.

(d) In cases where an instructional television fixed station is operating as a relay for signals originating at some